

# GUARANTEED TO SAVE YOU MONEY



## FLOATING SOLAR

Are you an industrial operator or land owner with a waterbody?

### Floating solar can:

- Generate electricity cheaper and cleaner than grid imports.
- Provide energy security and control over supply.
- Preserve land for other operations.
- Provide a cost-effective source of clean energy for meeting emissions targets.

Nova offers a 'one-stop-shop' spanning: feasibility, system design, consenting and planning, installation, and O&M. Our service carries assurances from decades of successful project delivery underpinned by Nova's ISO 9001, 14001 and 45001 accreditations and Achilles supplier verification.

## ELECTRIFICATION

As global industries move toward electrification, Nova provides services that help our clients unlock value and savings through our proven expertise in *Solar PV, Battery Energy Storage Systems, Micro-grids, EV charging, Electrical systems, Grid connections, Control and Management systems.*

### Services include:

- Feasibility studies and site surveys - your solutions and savings identified
- Front End Engineering Design (FEED) - solution optimisation
- Planning and consenting
- EPC - leave the delivery with us
- O&M - minimise risk, maximise benefit

### Floating Solar Is...

#### CLEAN

Natural resource helping to displace fossil fuels and achieve net zero

#### RELIABLE

Robust technology with no moving parts

#### LOW COST

On-site generation providing cheaper and more secure energy

#### PRESERVES LAND

Land is preserved for other commercial activities

## FLOATING SOLAR DEVELOPMENT STAGES

### Stage 1: Initial Project Assessment

- Evaluated by our energy experts and the latest industry software
- Capacity (kW/MW) - potential solar array size
- Generation potential (MWh/yr) - your best solar yield
- Planning & environmental - licenses/permissions (where required)
- High level financial modelling

### Stage 2: Design and Business Case

- Full on-site survey
- Front-End Engineering Design (FEED)
- Environmental, planning and grid connection applications
- Electricity use and self-generation optimisation
- Complete project costings and incomes
- Delivery schedule - key milestones for project completion
- Commercial proposal and contracting

### Stage 3: Construction

- Full project management service
- Permissions, consents, grid connection obtained
- Full engineering, procurement and construction (EPC)
- Project commissioning
- Handover - all certifications and as-built documents

### Stage 4: O&M

- Service agreement - tailored to your requirements
- 24/7 project monitoring and output maximisation
- Scheduled maintenance and your warranty upkeep



### CASE STUDY BATHGATE SILICA SAND

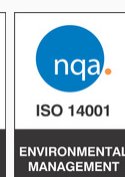
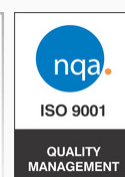
#### **A Nova floating solar array provides cheaper, cleaner electricity for Bathgate Silica Sand in Arclid, Cheshire.**

Nova carried out a feasibility study and identified the potential at the site. After securing permission from Cheshire East Council to install the array, Nova delivered it under an EPC (Engineering, Procurement, Construction) contract.

The floating solar array at Bathgate Silica Sand went from contract to first power in 6 months.

*"This is a significant moment for our business. Many thanks to Nova for delivering on time and managing every aspect of the job, allowing us to focus on our core day-to-day quarrying operations"*

David Robinson, MD, Bathgate Silica Sand



+44 (0) 131 241 2000

theo.allan@novainnovation.com  
www.novainnovation.com

john.meagher@novainnovation.com  
www.novainnovation.com